



भारतीय प्रौद्योगिकी संस्थान पटना

Indian Institute of Technology, Patna

IITP/ACAD/PhD/2023-24/01

Date:30/03/2023

Ph.D. Admission – July 2023 (Autumn Semester, AY-2023-24)

Applications are invited for admission to the Doctor of Philosophy (Ph.D.) programme, starting in July 2023 in the following Departments. The areas of research in IIT Patna are as follows:

<i>Department</i>	<i>Areas of Research</i>
Chemical & Biochemical Engineering	Ambient pressure NH ₃ formation using heterogeneous catalysis Artificial Intelligence in Process system engineering Carbon foot printing Chemical Kinetics and Catalysis CO ₂ conversion to Carbon nanotube Computational Fluid dynamics Continuous downstream processing Crystallization Data driven optimization Energy and Exergy management Food processing Ice-nucleation Microwave Assisted Material Processing Modelling of viscoelastic flows Molecular Modelling and Simulation Phase behaviour of confined fluid Phase change materials Photocatalyst for CO ₂ reduction and N ₂ fixation Photoelectrochemical processes for clean energy Pinch Analysis Plasma catalysis plastic to fuel using renewable energy sources. Process design and optimization Process Integration Process system engineering Production planning Reactive distillation Renewable energy integration Renewable Energy Sources and Their Applications Robust optimization Scheduling and optimization Separation processes Stochastic optimization Sustainable chemical processing Thermal management of lithium-ion batteries Treatment of Pharmaceutical Waste Wastewater Treatment using Advanced Oxidation Processes Wetting and interfacial properties of Ionic Liquid and Deep EutecticSolvent Thermochemical conversion of biomass Petrocoke gasification Synthesis of nanocomposite for waste water treatment

Chemistry	Organic, Inorganic, Physical
Civil & Environmental Engineering	<p>Environmental Engineering--E-waste Management</p> <p>Environmental Engineering--Removal of Micro-plastics and Emerging Contaminants from Aqueous Matrices</p> <p>Environmental Engineering--Waste Treatment and Resource Recovery</p> <p>Environmental Engineering--Water and Wastewater Treatment</p> <p>Geotechnical Engineering--CO₂ sequestration</p> <p>Geotechnical Engineering--Energy Geotechnics</p> <p>Geotechnical Engineering--Geoenvironmental Engineering and Biogeotechnics</p> <p>Geotechnical Engineering--Geotechnical Earthquake Engineering</p> <p>Geotechnical Engineering--Ground Improvement</p> <p>Geotechnical Engineering--Rock Mechanics and Underground Excavations</p> <p>Geotechnical Engineering--THMC behaviour of unsaturated soil</p> <p>Geotechnical Engineering--Pavement Geotechnics</p> <p>Hydraulics and Water Resources Engineering--Geoinformatics application in Water Resources</p> <p>Hydraulics and Water Resources Engineering--Groundwater flow and contaminant transport</p> <p>Hydraulics and Water Resources Engineering--Open Channel Hydraulics</p> <p>Hydraulics and Water Resources Engineering--Surface Water Hydrology</p> <p>Hydraulics and Water Resources Engineering--Groundwater remediation</p> <p>Hydraulics and Water Resources Engineering--Reactive contaminants transport in groundwater systems</p> <p>Hydraulics and Water Resources Engineering--Saltwater Intrusion in Coastal Aquifers</p> <p>Structural Engineering--Multiscale Multiphysics Modelling and Mechanics of Materials</p> <p>Structural Engineering--Smart Material for Vibration Control</p> <p>Structural Engineering--Strengthening and retrofitting of structures</p> <p>Structural Engineering--Structural dynamics and earthquake engineering</p> <p>Structural Engineering--Structural Engineering</p> <p>Structural Engineering--Structural Fire engineering</p> <p>Structural Engineering--Structural stability</p> <p>Transportation Engineering--Intelligent Transportation Systems</p> <p>Transportation Engineering--Pavement Analysis and Design</p> <p>Transportation Engineering--Pavement Materials Engineering</p> <p>Transportation Engineering--Railway Engineering</p> <p>Transportation Engineering--Traffic Engineering</p> <p>Transportation Engineering--Traffic flow Theory</p> <p>Geomatics Engineering (Geoinformatics) for Agriculture, Forestry, Urban and Regional Planning and Disaster studies</p>

**Computer Science
and Engineering**

5G Network Slicing
802.11 Wireless Network
Adhoc Networks and Sensor Networks
Adversarial Attack
Algorithms
Analog EDA
Analysis and Verification
Applied Machine Learning
Artificial Intelligence
Artificial Intelligence For Smart Grid
Artificial Intelligence for Social Good
Augmented reality
Big Data Computing
Bioinformatics
Biomedical Imaging
Bio-Text Mining
Blockchain
Blockchain and Smart Contract
Blockchain Consensus
CAD for VLSI
Cloud Computing
Cloud Security
Complex Networks
Computational biometrics and forensics
Computer Forensics
Computer Vision
Conversational Agents
Cyber Security with Machine Learning
Cybersecurity
Database & Data Mining Applications
Decentralized Applications
Deep Learning
Deep Reinforcement Learning
Discrete Event Modeling
Distributed Systems
Edge Computing
Empathetic Conversational Artificial Intelligence and Affective Computing
Energy management & Intelligent transportation systems
Fault Tolerance
Fault-Tolerant Computing
Federated Learning
Formal Methods
Formal Methods for Analysis and Verification
Hardware Security
High Performance Computing
Human-Computer Interaction
Image Processing
Information Extraction
Information Systems Security
Internet of Things
IoT Security
Machine Learning
Machine Learning on Graphs
Machine learning Security
Malware detection
Medical Image Analysis

Meta
Mobile Social Computing
Modeling of social networks
Multimodal Artificial Intelligence
Multimodal Data Analysis
Multimodal Information Processing
Multiobjective Optimization
Natural Language Processing
Online Algorithms
Pattern Recognition
Programming Languages
Reinforcement learning
Robotic Applications
Robotics
Security & Privacy
Service recommendation
Smart Grid Applications
Social Networks
Soft Computing
Swarm Drones
Temporal And Spatio-Temporal Data Analysis
Text Mining
Time Series Modeling And Analysis
Unmanned Aerial Vehicle
Virtual Reality
VLSI Design and Methodologies
Wi-Fi Security, Wireless Networking

Electrical Engineering	Tracking Networked control and estimation Battery management system Intelligent Reflecting Surfaces for THz THz Antennas for 6G Multifunctional Metamaterials Multi-Frequency Antennas Active Noise Control Signal Processing for wearables Adaptive Signal Processing Audio and Acoustic Signal Processing Electric Drives Power Electronics Power Systems 5G and Beyond 6G and Signal Processing for Communication and Wireless Communication Analog Integrated Circuits (AIC) Biomedical Signal and Image Processing Control System Deep Learning Design and Fabrication Digital Image Processing Digital Metasurface and Applications in 5G and Beyond (IRS) Digital Signal Processing Digital Video Processing High Gain Beam Scanning Metasurface Antennas Internet of Things (IoT) Machine Learning Metamaterial Absorber for Stealth Application mm-Wave Antennas for 5G and Beyond Molecular Communications Multimedia Communication Neuro-cognition Neuroscience Optical Communication Optical Fiber based Sensing Optoelectronic Devices Photonic Neuromorphic Computing Photodetectors Photonics for Artificial Intelligence Power System Protection Power System Stability Radio Frequency Integrated Circuits (RFIC) SDR Based Radar for Detection and Ranging Semiconductor Device and Circuits for Low Power and Neuromorphic Computing Semiconductor Device and Circuits, Sensor Smart Grid Solar cell Tactile Internet Tele-medicine THz Communication Network UAV Communication Network Video Surveillance VLSI and Embedded System Wearable Healthcare Monitoring Wireless Communication Wireless Sensor Networks
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<p>Humanities and Social Science</p>	<p>Economics--Development Economics Economics--Labour Economics Economics--Macroeconomic Reforms Economics—Microeconomics Economics--Trade and investment Linguistics--Cognitive Linguistics Linguistics--General Linguistics Forensic Linguistics Linguistics—Sociolinguistics Management--Applied Psychology Management--Human Resource Management Management--Industrial and Organizational Psychology Management--Organizational Behavior</p> <p>Geography-Population Studies Geography-Public Health Geography-Social Geography</p> <p>Sociology- Sociology of Development Sociology- Sociology of Education Sociology- Sociology of Migration</p>
<p>Metallurgical & Materials Engineering</p>	<p>Carbonaceous nanofillers like carbon dots and graphene Ferroelectric Flash sintering of ceramics Friction stir processing and welding Hybrid nanofillers Materials Chemistry Mechanical Properties of Materials Metal and Ceramic Matrix nano composites Microstructure - property correlation in ceramics Multiferroic and other energy conversion Materials Nanofillers Nanoparticles for Energy Plasma Spray Coating Polymer blends and alloys Polymer nanocomposites Process-structure-property Relationship Solid State Chemistry Structural and Functional Applications Structure- Property correlation of Dielectric Tribology of Materials Elastomers/rubbers & adhesive science and technology Cold sintering of ceramics and its composites</p>

Mathematics

Existence and Uniqueness of Nonlinear Boundary Value Problems
Monotone Iterative Techniques
Non-standard Finite difference techniques
Vector Variational Inequalities; Differential Manifolds
A posteriori Error Estimates
Algebraic Coding Theory
Algorithmic graph theory
Biomathematics
Black Scholes Equations
Dynamical Systems
Estimation under Censored Data
Fractional Order Equations
Integral Equations
Mathematical Control Theory, Optimal Control
Mathematical Finance
Mathematical sequence design
Moving Mesh Methods
Nonlinear Problems
Nonlinear Programming
Numerical Analysis
Ordinary differential equation (ODE)
Partial differential equation (PDE)
Rings and Modules
Singular Perturbation
Statistical Inference
Survival Analysis
Theory of Integral Transforms
Polynomial identities on rings, Differential geometry
Reliability Estimation
Primitive elements over finite field

<p>Mechanical Engineering</p>	<p>Design-Bio-Medical Device Design, Interfacial Rheology and Tribology Design-Computational Mechanics (FEM/XFEM/XIGA/Localizing Gradient Damage Model) Design-Condition Monitoring of Gear Box and Bearing Design-Continuum Mechanics Design-Cyclic Plasticity Design-Fatigue and Fracture Mechanics Design-Mechatronics Design-Micro Electromechanical (MEMs) Devices Design-Molecular Modelling Design-Robotics Design-Smart Materials and Devices Design-Tribological Machine Element Design Design-Vacuum Tribology Design-Fracture Modeling of Composite Materials Manufacturing-Solid state and Fusion based additive Manufacturing Manufacturing-Advanced Metallic Materials Manufacturing-Cyber Physical Machine Tools Manufacturing-Digital Manufacturing Manufacturing-Finite Element Modeling of the Welding Processes Manufacturing-Macro and Micro Friction Stir Welding Manufacturing-Green manufacturing Manufacturing-In situ Analysis of Manufacturing Processes Manufacturing-Mechanical Micromachining Manufacturing-Hybrid Micromachining Manufacturing-Establishing a synchronous micro-EDG process using a pencil-shaped micro -PCD tool on SiC wafers Manufacturing-Sheet Metal Forming Manufacturing-Surface Engineering Thermal and Fluids -Artificial Intelligence and Machine Learning Tools for Heat Transfer Problems Thermal and Fluids-Biofluid Dynamics and Heat Transfer Thermal and Fluids-Biomicrofluidics Thermal and Fluids-Biophysical Aerodynamics Thermal and Fluids-Boiling Heat Transfer Thermal and Fluids-Bubble Acoustics Thermal and Fluids-Computational Fluid Dynamics Thermal and Fluids-Condensation Heat Transfer Thermal and Fluids-Energy Thermal and Fluids-Fluid-structure Interaction Thermal and Fluids-Hydrodynamic Stability Thermal and Fluids-Hypersonic Flows Thermal and Fluids-Internal Combustion Engines Thermal and Fluids-Mini/Micro/Nano Flows and Heat Transfer Thermal and Fluids-Turbulence Modelling Thermal and Fluids-Microfluidics and BIOMEMS Thermal and Fluid- Point of Care Diagnostics Thermal and Fluid-Microfluidics for rapid diagnosis of Traumatic Brain Injuries Thermal and Fluid-Microfluidics for Cancer Detection Thermal and Fluids-Micro-nanostructured Surface Fabrication Thermal and Fluids-Mutiphase Flow and Heat Transfer Thermal and Fluids-Rarefied Gas Flows Thermal and Fluids-Solar Thermal Thermal and Fluids-Design of Heat Exchangers</p>
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Physics	<p>Computational atomic Physics-Electronic structure calculation Computational atomic Physics-E-scattering Computational atomic Physics-Photoionization Computational atomic Physics-Strong field ionization Experimental Condensed Matter Physics-2D Materials Experimental Condensed Matter Physics-Electrocaloric materials Experimental Condensed Matter Physics-EMI Shielding Experimental Condensed Matter Physics-Ferroelectrics & Dielectrics Experimental Condensed Matter Physics-Heusler alloys Experimental Condensed Matter Physics-High-Temperature Superconductors Experimental Condensed Matter Physics-Magnetic materials Experimental Condensed Matter Physics-Magnetocaloric materials Experimental Condensed Matter Physics-Multiferroics Experimental Condensed Matter Physics-Nanoelectronics Experimental Condensed Matter Physics-Nanomaterials for Energy and Sensing Experimental Condensed Matter Physics-Nanoscale device applications based on atomic switch technology Experimental Condensed Matter Physics-Nanostructured materials Experimental Condensed Matter Physics-Renewable Energy Materials & Devices Experimental Condensed Matter Physics-Solid State Cooling Experimental Condensed Matter Physics-Spintronics Condensed Matter Theory-Electronic structure Calculation Condensed Matter Theory-Transport Properties Condensed Matter Theory-Topological Insulators Condensed Matter Theory-Hall Systems High Energy Physics-High Energy Physics Phenomenology Optics and Photonics-Applied Optics (optical signal processing information security) Optics and Photonics-Biophotonics Optics and Photonics-Digital Holography Optics and Photonics-Nano-optics Optics and Photonics-Nanophotonics Optics and Photonics-Quantum Optics (Theory + Experiment) Optics and Photonics-Ultrafast Spectroscopy & Biophysics Experimental Condensed Matter Physics-Semiconductor Gas Sensors Experimental Condensed Matter Physics-Nanostructured Thin Films & Applications Experimental Condensed Matter Physics-Non-Invasive Breath Analysis</p>
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Applicants having external fellowship from recognized Government funding agencies are encouraged to apply.

General Terms & Conditions:

A. Minimum Eligibility Criteria for Admission to PhD Programme:

- In all the disciplines, the upper age limit is 28 years (B.Tech./ B.S. /B.E./M.Sc./MA/MCA/MBA) for JRF and 32 years (M. Tech./M.E./M.S./M.Phil.) for SRF to be calculated as on the last date of application and is applicable **only** for candidates applying in Regular and Full-time category, as Institute Fellow.
- For Research/ project fellows, age limit will be as per the funding agency norms. In absence of any age criteria, the Institute norms will be followed.
- **Valid GATE score as applicable from time to time is pre-requisite for Institute Fellow (IF).**

A.1 Ph.D. in Engineering

For admission to the Ph.D. Programme in Engineering Department, a candidate must satisfy one of the following criteria:

A.1.1 Candidates having M. Tech./M.E. degree in an Engineering/Technology, with a minimum CPI of 6.5 or 60% of marks.

A.1.2 Bachelor's degree in Engineering / Technology in a relevant branch / area with a minimum CPI of 7.5 or 70% of marks and a valid GATE score. **The requirement of GATE score is waived for candidates with Bachelor's Degree in Engineering from the Centrally Funded Technical Institutes (CFTIs) with CGPA \geq 8.0 and above (out of 10) in line with MHRD (now MoE) letter no. 17-2/2014-TS.I dated February 18, 2015 and other IITs. Such candidates are required to appear in the interview for selection.**

A.1.3. Master's degree in Science in a relevant area with a minimum CPI of 7.5 or 70%.

A.2 Ph.D. in Science

For admission to the Ph.D. Programme in Science departments, a candidate must satisfy one of the following criteria:

A.2.1 M.Phil. or Master's degree in Science in a relevant area with a minimum CPI of 6.5 or 60% of marks.

A.2.2 Master's degree in Engineering/Technology in a relevant area with a minimum CPI of 6.5 or 60% of marks

A.2.3 Bachelor's degree in Engineering/Technology in a relevant branch / area with a minimum CPI of 7.5 or 70% of marks.

A.3 Ph.D. in Humanities and Social Sciences

For admission to the Ph.D. Programme in the department of Humanities and Social Sciences (HSS), a candidate must satisfy one of the following criteria:

A.3.1 M. Phil. or Master's degree in Arts/Commerce/Science/Management/ Business Administration in a relevant area with a minimum of 55% marks or equivalent.

A.3.2 Master's degree in Engineering/Technology/Design in a relevant area with a minimum CPI of 6.5 or 60% marks.

A.3.3 Bachelor's degree in Engineering/Technology in a relevant branch / area with a minimum CPI of 7.5 or 70% of marks.

Direct Admission

For candidates in Sciences, Engineering & Technology:

The Institute may admit exceptionally bright candidates as Full-time (Institute Fellows) by direct admission. Direct admission to PhD program for exceptionally bright candidate is permissible subject to fulfilment of the following conditions:

1. B.Tech. / B. S. from the IITs, graduated within the last five years, with a degree in the respective discipline with a **CPI/CGPA of ≥ 8.0**
2. Masters from the IITs/IISc, graduated within the last five years, with a degree in the respective discipline with a **CPI/CGPA of ≥ 8.5**

Such a candidate has to apply online. Additionally, an email claiming candidature for direct recruitment must be sent with scanned copy of the supporting documents to [**aracademic@iitp.ac.in**](mailto:aracademic@iitp.ac.in)

There would be no admission in direct admission category in Department of Humanities and Social Sciences.

B. Relaxation for SC/ST Candidates:

Eligibility criteria will be relaxed by 5% marks or 0.5 CPI for SC/ ST applicants.

Upper age limit is relaxed up to 05 years in case of candidate belonging to Schedule Castes/Schedule Tribes, OBC and Physically Handicapped candidates.

Reservations:

The reservation of seats in admissions for SC, ST, OBC, EWS categories and for persons with disability (PwD) will be as per Government of India rules. OBC (Non-creamy layer) candidates will have to produce certificate and self-declaration statement as per formats indicated at Annexure- I and II available in the website, link <https://www.iitp.ac.in/acad/admission.php>

C. FINANCIAL SUPPORT

The Institute assistantships will be available to eligible (Indian) students as per prevailing (MoE, GoI) norms, as applicable from time to time. At present total fellowship / financial assistance @ Rs. 31,000/- per month for JRF (initial 2 years) and @ 35,000/- per month for SRF subject to performance assessment after 2 years. In case of no satisfactory performance, the candidate would continue @ Rs. 31,000/- for 3rd year and / or till eligible for enhancement.

Assistantships from external funding organizations will be available as per terms and conditions of the concerned funding organizations. Students receiving assistantships from the Institute or fellowships from any other funding agencies are required to perform academic duties as per prevailing norms.

The continuation of the assistantship/fellowship is subject to satisfactory performance of the assigned duties and satisfactory progress of the student in the Ph.D. Programme.

D. CATEGORY OF ADMISSION:

The Institute admits Ph.D. students under the following categories:

1.1 REGULAR and FULL-TIME

A student in this category works full-time for her/his Ph.D. degree. They can be classified as:

1.1 a) Institute Fellows:

S/he receives assistantship from the Institute. The qualifying Degree for Financial Support is:

1.1.1 BE/ BTech/ BS / MSc/ MA/ MBA/ MCA /equivalent degree with valid GATE above the prescribed cut off level. However, minimum GATE cut-off doesn't guarantee shortlisting for test / interview.

The requirement of GATE score is waived for candidates with Bachelor's Degree in Engineering from the Centrally Funded Technical Institutes (CFTIs) with CGPA \geq 8.0 and above (out of 10) in line with MHRD (now MoE) letter no. 17-2/2014-TS.I dated February 18, 2015 and other IITs. Such candidates are required to appear in the interview for selection.

1.1.2 ME/ MTech/ MPhil /equivalent degree with GATE qualification.

Age Limit: Please refer to Eligibility Criteria for Admission into Ph.D. Programme

1.1 b) Research Fellows (JRF/SRF with external financial support)

S/he receives fellowship from any government recognized funding agencies, such as CSIR, UGC, DBT, NBHM, DST (INSPIRE programme), etc.

Institute encourages candidates with external fellowship to apply round the year. However, admission to Ph.D. would be considered during regular cycle in Jan / July each year.

1.1 c) Project Staff

This category refers to a student who, as a project staff, is working on a sponsored project (registered in R&D Unit, IIT Patna). The said project staff is eligible to be admitted in the Ph.D. Program (of this Institute) to work on a full-time basis. The minimum remaining duration of the project at the time of admission as well as tenure of the project employee should be at least 2 years from the date of joining the Ph.D. program. **She/he must have qualified GATE / NET (LS).**

If the project gets completed before the student completes her/his Ph.D., her/his category will no longer be that of Project Staff and her/his category will be converted to that of SELF-FINANCED unless she/he is granted an assistantship/fellowship from the Institute or any other funding agency.

A project staff intending to join the Ph.D. program of IIT Patna must produce NOC on the day of interview in the prescribed format: **Form II, available in the website, link https://academics.iitp.ac.in/academic_forms.php** admission through Principal Investigator, Head of the Department and Dean/ Associate Dean R&D with suitable endorsement.

1.2 SPONSORED

A candidate in this category is sponsored by a reputed industry, R&D organization, academic institution (universities/colleges), government organization, PSUs and autonomous bodies (central / state) for research and career advancement. The Institute does not provide any assistantship/fellowship to such a candidate.

Candidate in Sponsored category must be a regular employee of the sponsoring organization (of repute) with a minimum of two-year job experience in the respective field. A student in this category is therefore a professionally employed person, who pursues Ph.D. while continuing her/his services. The candidate has to work full time in institute to obtain the degree for a period of 3 years. **An intending sponsored candidate must produce NOC on the day of interview in the prescribed format: Form I, available in the website, link https://academics.iitp.ac.in/academic_forms.php and annexed herewith.**

1.3 SELF-FINANCED

A student in this category may work full-time towards the Ph.D. Programme. The Institute does not provide any assistantship/fellowship to such a student. The applicant should have qualified a national level exam (NET/GATE).

1.4 EMPLOYED & PART-TIME

A candidate in this category is a regularly employed person (including the staff of IIT Patna), who pursues the Ph.D. program, while continuing the duties of her/his service. The institute does not provide any assistantship/ fellowship to such a student. The minimum residential requirement is one or two semester(s) depending on the completion of mandatory course work required for Ph.D. students. Candidate in Employed and Part-time category must be a regular employee of his/her organization with at least two years of professional experience in the respective field. **The work-experience of minimum two years is essential with current employer.** NOC must be produced on the day of interview in the prescribed format: **Form III, available in the website, link https://academics.iitp.ac.in/academic_forms.php**

Candidate having experience for more than 10 years may be given relaxation up to 5% in qualifying degree as specified in clause A.1, A.2 & A.3.

E. WITHDRAWAL POLICY

One should not drop /leave the programme before course completion without valid reasons thereof. Selected candidates shall have to submit an undertaking/declaration at the time of admission for refunding fellowship/assistantship drawn from the institute in case of resignation from the program

F. HEALTH CARE POLICY

Health Services for enrolled students during their tenure will be governed by the terms and conditions of insurance policy procured by them at the time of admission which shall be renewed on yearly basis. OPD inside the institute health centre is available for all students in accordance with the institute policy framed from time to time in this matter.

G. ACCOMMODATION POLICY

Institute does not guarantee hostel accommodation inside the campus. However, accommodation may be provided on first come first served basis subject to availability of vacant rooms in the hostel.

H. APPLICATION PROCEDURE (go through it very carefully):

Firstly, application fee must be paid before proceeding for online application. The details of application fee are given below:

Category	Male	Female
GEN/EWS/OBC-NCL	Rs 1000/-	Rs 500/-
SC/ST/PwD	Rs 500/-	Rs 500/-

The application fee should be paid online through SBI Collect. Application fee shall not be refunded.

Link for payment: <https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=595859>

After the payment, a reference/journal number will be generated, which must be mentioned in the application form and the printed e-receipt of payment must be preserved carefully.

Only after the above step and noting down reference/journal number generated through payment, candidates are required to use the following link to fill and submit application form online. Please read complete advertisement very carefully before applying online. To avoid internet congestion, candidates are advised not to wait for the last date of application.

Link for online application (should be accessed after payment):

https://www.iitp.ac.in/phd_admission/phd_form

After successful online application, candidates shall receive application details to the registered email address.

Candidates, applying for more than one department, must submit a separate application with separate fee- payment. Fresh fee payment is required for each application.

The candidates are required to take printout of the application details received in email after submitting online application. This printout along with self-attested copies of mark sheets & certificates (from class X to highest degree obtained/appeared), caste certificate (if applicable), GATE /NET/Relevant certificate related to any fellowship, experience certificate, other testimonials (both sides), and printed e-receipt of online payment must be produced on the day of test/interview, failing which the candidature is liable to be rejected.

If any of the prescribed documents (as mentioned above) is not produced on the day of test/interview, then attending test/interview may not be allowed.

Please note that depending upon the situation, above documents can be asked any time before the day of interview.

Candidates are NOT required to send application by post.

No call letter will be sent by post. The candidates must check email and website regularly for important information. On the day of test/interview, a candidate must produce his/her valid original Identity card.

I SELECTION

The Institute reserves the right to call a limited number of candidates for test/interview, based on performance in GATE/NET, grades/marks in the qualifying examination, shortlisting criteria etc. and merely fulfilling minimum eligibility criteria does not guarantee call for test/interview.

Important Dates:

Start Date of On-line Application: 30/03/2023

Last Date of On-line Application: 17/04/2023 (Till 11:59 PM)

Issuance of Call Letter: 05/05/2023

Examination Date Window: May 12-19, 2023

Result Release Date:26/05/2023

Issuance of Offer Letter:31/05/2023

Helpline: Please note that no correspondence / query shall be entertained regarding correction of mistake in the submitted application, details already available in the advertisement and irrelevant matters. First issues/problems should be identified strictly as provided in the following table and use ONLY the concerned link/ email id mentioned against the issues.

Sl. No.	Issues	
1	Technical issues regarding online application	https://forms.gle/ZSXd4K6s8iQ81j7c9
2	Academic matter	acadphd@iitp.ac.in or arademic@iitp.ac.in 06115-233-684/697
3	Fee -payment/ SBI collect	arfa@iitp.ac.in 06115-233-062

Note: The above information is not the complete set of Rules & Regulations for the Ph.D. programme of IIT Patna.

Legal Jurisdiction: The court at Patna alone shall have the jurisdiction to settle and decide all matters and disputes related to the above referred admission process.